CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-12/227e/Cube/2016-17 06.02.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Improvements to CC roads to Mallasandra slum and other roads in Ward No.13, Shettyhalli Sub Division, BBMP, Bangalore.
* Reference	:	AEE/SSD/PR/97/2016-17 Dated: 23.12.2016
* Sample ID	:	RCC Drain Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	06.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.01.2017	06.02.2017	8.216	494.8	21.99
2	09.01.2017	06.02.2017	8.358	503.1	22.36
3	09.01.2017	06.02.2017	8.412	518.2	23.03

*Information is furnished by the Customer/Representative.

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VIDYARANI P.K.
Technical Manager

AE-13
16/2

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಬಾಗಲಕುಂಟೆ ವಲಯ
ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಡಬ್ಲ್ಯು.ಒ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	06.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.01.2017	06.02.2017	8.293	504.2	22.41
2	09.01.2017	06.02.2017	8.347	516.9	22.97
3	09.01.2017	06.02.2017	8.452	526.8	23.41

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Civil-Tech Consultants & Engineers Bangalore

VIDYARANI P.K.
Technical Manager

AE-13

6/2

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* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	08.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	11.01.2017	08.02.2017	8.216	494.8	21.99
2	11.01.2017	08.02.2017	8.358	503.1	22.36
3	11.01.2017	08.02.2017	8.412	518.2	23.03

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Technical Manager

DE-13

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* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	08.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	11.01.2017	08.02.2017	8.263	493.5	21.93
2	11.01.2017	08.02.2017	8.479	526.8	23.41
3	11.01.2017	08.02.2017	8.323	512.2	22.76

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Technical Manager

AE-13
8/2

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	11.01.2017	08.02.2017	8.347	523.6	23.27
2	11.01.2017	08.02.2017	8.296	517.5	23.00
3	11.01.2017	08.02.2017	8.142	498.3	22.15

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